

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC 7 G01R33/561

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

 Minimum documentation searched (classification system followed by classification symbols)  
 IPC 7 G01R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, PAJ

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 242 916 B1 (KING KEVIN F) 5 June 2001 (2001-06-05)  column 1, paragraph 1 - column 2, paragraph 3 column 3, paragraph 1 - column 6, lines 1-67 column 7, paragraph 4	1-9, 11-13, 15-20
A	US 2003/030437 A1 (BYDDER MARK ET AL) 13 February 2003 (2003-02-13) the whole document	1-21
A	EP 1 102 076 A (MARCONI CASWELL LTD) 23 May 2001 (2001-05-23) abstract	1-21
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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\*P\* document published prior to the international filing date but later than the priority date claimed

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\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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\*Z\* document member of the same patent family

Date of the actual completion of the international search

30 September 2004

Date of mailing of the international search report

15/10/2004

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with Indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/052676 A1 (TAKAHASHI TETSUHIKO ET AL) 20 March 2003 (2003-03-20) the whole document -----	1-21

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6242916	B1	05-06-2001	NONE
US 2003030437	A1	13-02-2003	GB 2380549 A 09-04-2003 JP 2004524937 T 19-08-2004 WO 02086529 A1 31-10-2002
EP 1102076	A	23-05-2001	EP 1102076 A2 23-05-2001 JP 2001198108 A 24-07-2001 US 6396269 B1 28-05-2002
US 2003052676	A1	20-03-2003	JP 2001161657 A 19-06-2001 EP 1236436 A1 04-09-2002 WO 0141639 A1 14-06-2001

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